

## MATERIAL SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product:</b>	RG-18, RG-20 & RG-55	<b>Trade Name:</b>	RuGlyde Rubber Lubricant
<b>Manufacturer:</b>	AGS Company	<b>Common Name:</b>	Tire Mounting Lubricant
<b>Street Address:</b>	2651 Hoyt St		
<b>City/State/Zip</b>	Muskegon Hts., MI 49444		
<b>Phone:</b>	800-253-0403		
<b>Phone:</b>	231-733-2101		
<b>FAX:</b>	231-733-1784	<b>Original Issue Date:</b>	11/8/85
<b>Transportation Emerger</b>	CHEM-TEL	<b>Revision No.</b>	8
<b>Phone:</b>	800-255-3924	<b>Date</b>	2/18/05

## SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

ITEM	CAS NUMBER	WT/WT %
1 Potassium Vegetable Oil Soap	N.E.	7-13
2 Ethylene Glycol	107-21-1	1-5

## EXPOSURE LIMITS

ITEM	TLV-TWA	ACGIH	TLV-STEL	PEL-TWA	OSHA	PEL-CEILING
1	N.E.		N.E.	N.E.		N.E.
2	N.E.		100	mg/m <sup>3</sup> *	50	ppm

(See Section 16 for abbreviation legend) \* Ceiling Limit

## SECTION 3 - HAZARDS IDENTIFICATION

**EYE CONTACT:** May be cause discomfort, tearing, reddening and swelling.

**SKIN CONTACT:** Prolonged or repeated contact may result in irritation and/or dermatitis.

**INHALATION:** Vapors or mist may cause irritation.

**INGESTION:** This material may be harmful or fatal if swallowed.

**CHRONIC HAZARDS:** Overexposure through inhalation and/or ingestion may lead to renal failure, CNS/neurological disorders and death.

**Primary Route(s) of Entry** Skin and eye contact, inhalation of vapors or ingestion.

## SECTION 4 - FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN CONTACT:** Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**INGESTION:** Get medical attention immediately. If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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## **SECTION 5 - FIRE FIGHTING MEASURES**

FLASH POINT:	N.A.	LOWER EXPLOSIVE LIMIT:	N.A.	%
		UPPER EXPLOSIVE LIMIT:	N.A.	%
AUTOIGNITION TEMPERATURE:	N.A.			
EXTINGUISHING MEDIA:	N.A.			
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None Known			
SPECIAL FIREFIGHTING PROCEDURES:	None Known			

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

RECOVERY PROCEDURES: Absorb with inert material and place in a chemical waste container.

## **SECTION 7 - HANDLING AND STORAGE**

HANDLING: Wash thoroughly after handling

STORAGE: Keep from freezing

## **SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS: No special controls needed when used in supplied form.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed, however, if high vapor concentration should develop, use a NIOSH approved organic vapor respirator.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash in work area.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS / label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with eyes, skin, and clothing.

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

BOILING RANGE	212°F	VAPOR DENSITY:	Is heavier than air
ODOR	Odorless	ODOR THRESHOLD	N.A.
APPEARANCE	Tea Colored	EVAPORATION RATE	Is slower than Butyl Acetate
SOLUBILITY IN H <sub>2</sub> O	Complete		
FREEZE POINT	32°F	SPECIFIC GRAVITY	1.01
	Nil	pH @ 0.0%	9.6
PHYSICAL STATE	Liquid	VISCOSITY:	N.D.
COEFFICIENT OF WATER / OIL DISTRIBUTION:	Complete		
	(See Section 16 for abbreviation legend)		

## **SECTION 10 - STABILITY AND REACTIVITY**

CONDITIONS TO AVOID: Temperatures below freezing.

INCOMPATIBILITY: Strong acid or alkali, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen and chromium.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.

## **SECTION 11 - TOXICOLOGICAL PROPERTIES**

PRODUCT	LD-50	N.D.	PRODUCT	LC-50	N.D.
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COMPONENT TOXICOLOGICAL INFORMATION:

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CHEMICAL NAME	LD50	LC50
Water	90000 mg/kg/rat	N.E.
Potassium Vegetable Oil Soap	N.E.	N.E.
Ethylene Glycol	5.89 mg/kg/rat	>200 mg/m <sup>3</sup> /4h/rat
Sodium Dichromate Crystal	51 mg/kg/rat	124 mg/m <sup>3</sup> /4h/rat
Triethanolamine	8 mg/kg/rat	N.E.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:**

	TLm	LC50
Ethylene Glycol	N.E.	100 mg/L/48 hr/brown shrimp
Sodium Dichromate Crystal	145 ppm/24hr/bluegill	33,200 ug/L/96hr/fathead minow
Triethanolamine	N.E.	11.8 g/L/96hr/fathead minow

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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DISPOSAL METHOD: Dispose of in accordance with all federal, state and local regulations.

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**SECTION 14 - TRANSPORTATION INFORMATION**

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DOT PROPER SHIPPING NAME Not regulated

DOT TECHNICAL NAME

DOT HAZARD CLASS

HAZARD SUBCLASS:

DOT UN / NA NUMBER:

PACKING GROUP: NA

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**SECTION 15 - REGULATORY INFORMATION**

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U.S FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 cfr 1910.1200)

**CERCLA - SARA HAZARD CATEGORY:**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III ) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD

CHRONIC HEALTH HAZARD

**SARA SECTION 313:**

This product contains the following substance subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and CFR Part 372

CHEMICAL NAME	CAS NUMBER	WT /WT %
Ethylene Glycol	107-21-1	1.27
Sodium Dichromate	10588-01-9	0.074

**TOXIC SUBSTANCE CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME	CAS NUMBER
Ethylene Glycol	107-21-1
Sodium Dichromate	10588-01-9

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U.S. STATE REGULATIONS: AS FOLLOWS -

## NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
Water	7732-18-5

## PENNSYLVANIA RIGHT-TO-Know

The following non-hazardous ingredients are present in the product at greater than 3%:

Water	7732-18-5
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## CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are know to the state of California to causes cancer, birth defects or other reproductive harm.

CHEMICAL NAME	CAS NUMBER
Sodium Dichromate	10588-01-9

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: Class D Division 2 Subdivision B: Toxic Material

WHMIS LABEL: Required on Canadian brand(s) and shipments.

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**SECTION 16 - OTHER INFORMATION**

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HMIS RATINGS:	Health	1	Flammability	0	Phys. Haz.	0	PPE	A
NFPA	Health	1	Flammability	0	Reactivity	0		

VOLATILE ORGANIC COMPOUNDS (VOCs): 0 lbs / gal 0 grams / liter

LEGEND:	N.A.	Not Applicable	N.E.	Not Established
	N.D.	Not Determined		

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